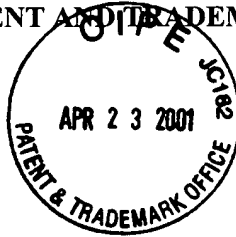


IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Philip W Diodato
Chun-Ting Liu
Ruichen Liu



Case: 8-35-22

Serial No.: 09/742314

Filing Date: December 21, 2000

Examiner: Group Art Unit: 2811

Title: Inter-Wiring-Layer Capacitors

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:


REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application. An Agreement Regarding Powers of Attorney and General Appointment of Agent and Power of Attorney is submitted herewith.

Firm Name: Agere Systems Inc.
Address: P.O. Box 614
Berkeley Heights, NJ 07922-0614 USA
Telephone: (908) 582-3809 Fax: (908) 582-5911

I represent the assignee of record of the entire interest who is entitled to prosecute this application to the exclusion of the named inventors on the previous assignee pursuant to 37 CFR 3.71. A statement under 37 CFR 3.73(b) is enclosed.

Respectfully,


Richard J. Botos, Attorney
Reg. No. 32016
908-582-3809

Date: 21-20-01

Agere Systems Inc.
P.O. Box 614
Berkeley Heights, New Jersey 07922-0614



**AGREEMENT REGARDING
POWERS OF ATTORNEY**

by and between

LUCENT TECHNOLOGIES INC.

and

AGERE SYSTEMS INC.

Dated as of February 1, 2001

AGREEMENT REGARDING POWERS OF ATTORNEY

This Agreement is effective as of February 1, 2001 between LUCENT TECHNOLOGIES INC., a Delaware corporation ("LUCENT"), having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, for itself and on behalf of its Subsidiaries (each and all herein after "LUCENT") and AGERE SYSTEMS INC., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("AGERE").

WHEREAS, the Board of Directors of LUCENT has determined that it is in the best interests of LUCENT and its stockholders to separate LUCENT's existing businesses into two independent businesses; and

WHEREAS, as part of the foregoing, LUCENT has assigned certain United States and corresponding foreign patents and patent applications to AGERE, which patents and applications were filed in the name of LUCENT and various of its subsidiaries and predecessors, including AT&T Corp., a New York corporation and various of its subsidiaries; and

WHEREAS, in order to effect its rights under such patents and to prosecute such patent applications, including recording such assignments, AGERE representatives need Power of Attorney from LUCENT and predecessors of LUCENT.

THEREFORE, LUCENT agrees to provide AGERE employees and employees of AGERE affiliated companies with Powers of Attorney in the form attached to act for LUCENT, any of its wholly-owned subsidiaries, and any of such predecessors with respect to such issued patents and pending patent applications in the names of LUCENT, such subsidiaries or any of such predecessors.


AGERE agrees to use such Powers of Attorney only with respect to those certain patents and patent applications which were assigned to AGERE by LUCENT.

LUCENT TECHNOLOGIES INC.

By: 
Daniel P. McCurdy
President - Intellectual Property Business

Date: 1/30/01

AGERE SYSTEMS INC.

By: 
Gerard A. deBlasi
Vice President - Law

Date: 1/30/01

GENERAL APPOINTMENT OF AGENT

And


POWER OF ATTORNEY

Lucent Technologies Inc., for itself and its subsidiaries, and as successor in interest to patents of AT&T Corp. and its subsidiaries, hereby appoints:

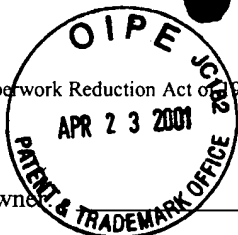
Gerard A. deBlasi
Fred M. Romano
Scott W. McLellan
Richard J. Botos
Marie MacNichol
Geraldine Monteleone
Scott Rittman
Anthony Grillo
David Smith
Robert P. Marley
John Veschi
Mark Kurisko
Les Birnbaum

as agents and attorneys to act on its and on Lucent Technologies Inc.'s behalf before any competent National and International Authorities in connection with any and all patents and patent applications filed by Lucent Technologies Inc., its wholly-owned subsidiaries or its predecessors, or issued or pending in the name of Lucent Technologies Inc., or any of its wholly-owned subsidiaries or predecessors, with the power to further appoint agents, and grant powers of attorney in connection therewith.

Lucent Technologies Inc.

By: 
Daniel P. McCurdy
President - Intellectual Property Business

Date: 1/30/1



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Agere Systems Guardian Corp.

Application No./Patent No.: 09/742314 Filed/Issued Date: December 21, 2000

Entitled: Inter-Wiring-Layer Capacitors

Agere Systems Guardian Corp., corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

States that it is :

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A Chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From Inventor(s) To: Lucent Technologies Inc.
The document was recorded in the United States Patent and Trademark Office at Reel 011407, Frame 0699, or for which a copy thereof is attached.
2. From Lucent Technologies Inc. To: Agere Systems Guardian Corp.
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

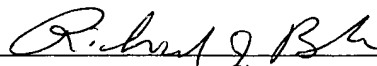
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

4-20-01

Date

Richard J. Botos

Typed or printed name



Signature

Corporate Counsel

Title



EXECUTION COPY

PATENT ASSIGNMENT

by and between

LUCENT TECHNOLOGIES INC.

and

AGERE SYSTEMS GUARDIAN CORP.

Dated as of January 30, 2001

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

RECITALS

A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;

B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;

C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).

ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent


Assignment, and ASSIGNEE agrees that any such patents shall be deemed deleted from Appendices A and B.

ASSIGNOR agrees that, upon request it will, at any time without charge to Agere Systems Guardian, but at Agere Systems Guardian's expense, furnish all necessary documentation relating to or supporting chain of title, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in Agere Systems Guardian, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Agere Systems Guardian and its respective successors, assigns and legal representatives or nominees.

Execution Copy

IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date.

LUCENT TECHNOLOGIES INC.

By: 
Daniel P. McCurdy
President, Intellectual Property Business

AGERE SYSTEMS GUARDIAN CORP.

By: 
Fred M. Romano
President

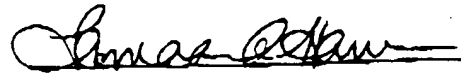
ACKNOWLEDGMENTS

STATE OF NEW JERSEY)

: ss:

COUNTY OF SOMERSET)

I CERTIFY that on January 30, 2001, Daniel P. McCurdy personally came before me and this person acknowledged under oath, to my satisfaction that:
a.) this person signed, sealed and delivered the attached Patent Assignment as President - Intellectual Property Business of Lucent Technologies Inc.; and
b.) this Patent Assignment was signed and made by Lucent Technologies Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name
Notary Public
My Commission Expires
[Notarial Seal]

TAMORA ANNE HANNA
Notary Public of New Jersey
Registered in Hunterdon County
My Commission Expires March 25, 2002

STATE OF FLORIDA)

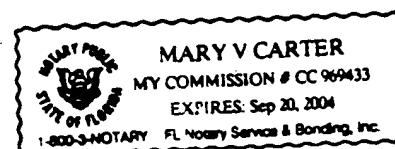
: ss:

COUNTY OF ORANGE)

I CERTIFY that on January 31, 2001, Fred M. Romano personally came before me and this person acknowledged under oath, to my satisfaction that:
a.) this person signed, sealed and delivered the attached Patent Assignment as Vice President of Agere Systems Guardian Corp. ; and
b.) this Patent Assignment was signed and made by Agere Systems Guardian Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name
Notary Public
My Commission Expires:
[Notarial Seal]



APPENDIX B (continued)
Transferred Patents (patent disclosures)

IDS No.	Inventors	Subject Matter
Dagdeviren 19	Nuri R Dagdeviren,BL0314600	System And Method For Compensating For CODEC DC Offset Through A DC Blocking Channel And Model Incorporating The Same
Daugherty 5-1-9-4-6	Dwight D Daugherty,538470000;Kenneth D Gaynor,538470000;Johannes G Ransijn,538470000;Gregory C Salvador,50M725000;James D Yoder,538470000	Output Buffer With Active Load Matching
Diodato 8-35-22	Philip W Diodato,BL0111240;Chun-Ting Liu,BL0111240;Ruichen Liu,BL0111260	Inter-Wiring-Layer Capacitors
Dogariu 1-93	Aristide Dogariu,OUTSIDE;William G Easter,538115000	In-situ Optical Monitoring Of CMP Pads
Dogariu 2-96	Aristide Dogariu,OUTSIDE;William G Easter,538115000	In-situ Optical Monitoring Of CMP Pads
Doshi 41-43-9-4-3	Doshi, Bharat Tarachand ,BL0314500,Dravida, Subrahmanyam ,BL0314500,Hernandez-Valencia, Enrique ,BL0314500,Matragi, Wassim A. ,BL0314500,Qureshi, Muhammad A ,BL0314500,	Framing In Simplified Data Link (SDL)
Downey 12-1-13-17	Stephen W Downey,538112000;Paul B Murphey,538112000;Thomas M Wolf,538112000;Allen Yen,538112000	A Method For Avoiding The Notching In Metal Etch
Du 1	Du, Junchen ,50M331200,	An Optimal Fixed-Point Structure for the Cascaded Biquad HR Filter Implementation on StarCore SC140
Dunlop 13-6	Alfred E Dunlop,BL01131G0;Wilhelm C Fischer,BL01131G0	Gated Clock Recovery
Dziong 4-28	Zbigniew M Dziong,BL0314500;Yung-Terng Wang,BL0314500	Architecture And Performance Of A Multi-Tbps Protocol Independent Switching Fabric
Easter 99-77-38	Easter, William Graham ,538115000,Maze, John Albert ,55K12M000,Obeng, Yaw Samuel ,538162000,	Differential Temperature Control In Chemical Mechanical Polishing Processes
Elango 1-1-1	Pakriswamy Elango,50N762000;Jong K Kim,50N762000;Michael P Straub,50N762000	High BW Low Noise Cross Coupled Amplifier
Elko 16-30-14-42	Elko, Gary Wayne ,BL0113320,Nalwa, Vishvjit Singh ,BL0113370,Ninke, William Herbert ,BL011250,West, James Edward ,BL0113320,	Electronically Steerable Audio-Visual System
Etter 4	Etter, Walter ,BL0314100,	A Noise Adaptive Compander For Telephone Sets Designed To Preserve Intelligibility In Non-Stationary Near-And-Far-End Background Noise
Farrow 39	Farrow, Cecil ,BL0314200,	Equalizer Tracking Filter
Farrow 5-12-23-1	Farrow, Reginald Conway ,BL0111220,Liddle, James Alexander ,BL0111220,Novembre, Anthony Edward ,BL0111220,Ocola, Leonidas Ernesto ,BL0111220,	A Method For Controlling Pattern Registration In An Electron Beam Lithography Tool
Farrow 7-55	Farrow, Reginald Conway ,BL0111220,Kizilyalli, Isik C. ,5381C1000,	A Process For Fabricating A Semiconductor Device
Fetter 10-56-6	Linus A Fetter,BL0111130;Yiu-Huen Wong,BL0111770;Michael G Zierdt,BL01131J0	Mounting Techniques For The Reduction Of Parasitics In Electronic Devices